PTO/SB/05 (03-01) Approved for use through 10/31/2002. OMB 0651-0032

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UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No.		EL719433078US		
First Inventor		Lo et al.		
Titlo	NON-INVASIV	E PRENATAL DIAGNOSIS		

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| Express Mail Label No. | EL719433078US

				Assistant Co	mmicol	oner for Patents
APPLICA	ADE	DRESS TO:	Box Patent A			
	cerning utility patent application conte	ents.		Washington		
	Form (e.g., PTO/SB/17) a duplicate for fee processing)	7	CD-ROM or CI			e table or
Applicant claims small entity status.			Computer Program (<i>Appendix</i>) 8. Nucleotide and/or Amino Acid Sequence Submission			
See 37 CFR 1.27. Specification [Total Pages 43]			(if applicable, all necessary) a Computer Readable Form (CRF)			
- Descriptive title	of the invention	•				
	ce to Related Applications	ъ.	· _ ·			
 Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, 			i.			
or a computer - Background of	program listing appendix	C.				
- Brief Summary	of the Invention					
- Brief Descriptio - Detailed Descr	on of the Drawings (if filed)	9.	ACCOMPANYI Assignment B			
- Claim(s)	•	9. [Assignment Page 37 CFR 3.73(sieer o	Power of
- Abstract of the	Disclosure	10.	(when there is		, L	Attorney
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 4]			English Trans		ent <i>(if a</i>	
5. Oath or Declaration	[Total Pages 3]] 12. [Information D Statement (ID			Copies of IDS Citations
a. Newly executed (original or copy)			Preliminary A	mendment		
b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)			14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)			
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)			15. Certified Copy of Priority Document(s) (if foreign priority is claimed)			
named in	the prior application, see 37 CFR	16.	Nonpublicatio	n Request un	der 35	U.S.C. 122
1.63(a)(2)	and 1.33(b)		── (b)(2)(B)(i). A or its equivale		attach	form PTO/SB/35
6 Application Data	Sheet. See 37 CFR 1.76	17.	Other:			
18. If a CONTINUING APPL	ICATION, check appropriate box, and	supply the real	uisite information be	elow and in a	prelimii	nary amendment
or in an Application Data Sh	eet under 37 CFR 1.76:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				,
Prior application information	Examiner J. Goldberg IONAL APPS only: The entire disclosure	. of the prior app	Group Art Unit 165		lavatian	in accomplised conden
Box 5b, is considered a part o	f the disclosure of the accompanying co relied upon when a portion has been in	ntinuation or div	risional application a	and is hereby in	ncorpor	ated by reference.
	19. CORRESPO					
Customer Number or Bar C	3624	The College of	or	Correspon	ideace so	ldress below
Customer Number of Bar C	(Insert Customer No. or Affa		re)	Correspon	derice au	uress below
Name	VOLPE AND KOENIG, I	⊃.C.				
Address			-			
City		State		Zip C	Code	
Country		Telephone		Fá	ax	
Name (Print/Type)	C. Frederick Koenig III, Esqui	re Real	stration No. (Atto	rnev/Aaent)	29,6	662
Signature	1/		/	Date	-	1, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

Volpe and Koenig, P.C. Revision of PTO/SB/17 (11-00)

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 583.00

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Complete if Known			
Application Number	Not Yet Known		
Filing Date	Not Yet Known		
First Named Inventor	Lo et al.		
Examiner Name	Not Yet Known		
Group Art Unit	Not Yet Known		
Attorney Docket No.	JAK-PT001.1		

METHOD OF PAYMENT	FEE CALCULATION (continued)				
The Commissioner is hereby authorized to charge	3. ADDITIONAL FEES				
indicated fees and credit any overpayments to. Deposit	Large Small				
Account Number 22-0493	Entity Entity Fee Fee Fee Fee Fee Description				
Deposit	Code (\$) Code (\$)	Fee Paid			
Account Name Volpe and Koenig, P.C.	105 130 205 65 Surcharge - late filing fee or oath				
Charge Any Deficiency or Credit any Overpayment in the Total Fees Associated with this Communication	127 50 227 25 Surcharge - late provisional filing fee or cover sheet				
Applicant claims small entity status	139 130 139 130 Non-English specification				
See 37 CFR 1 27 2. X Payment Enclosed:	147 2,520 147 2,520 For filing a request for ex parte reexamination				
2. X Payment Enclosed: X Check Credit card Money Order Other	112 920* 112 920* Requesting publication of SIR prior to Examiner action				
FEE CALCULATION	113 1,840* 113 1,840* Requesting publication of SIR after Examıner action				
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month				
Large Entity Small Entity	116 390 216 195 Extension for reply within second month				
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	117 890 217 445 Extension for reply within third month				
404 740 004 055 1100 51 5	118 1,390 218 695 Extension for reply within fourth month				
101 710 201 355 Offinity filling fee 355.00	128 1,890 228 945 Extension for reply within fifth month				
107 490 207 245 Plant filing fee	119 310 219 155 Notice of Appeal				
108 710 208 355 Reissue filing fee	120 310 220 155 Filing a brief in support of an appeal				
114 150 214 75 Provisional filing fee	121 270 221 135 Request for oral hearing				
CUDTOTAL (4) (6) 255 00	138 1,510 138 1,510 Petition to institute a public use proceeding				
SUBTOTAL (1) (\$)355.00	140 110 240 55 Petition to revive - unavoidable				
2. EXTRA CLAIM FEES Fee from	141 1,240 241 620 Petition to revive - unintentional				
Extra Claims below Fee Paid	142 1,240 242 620 Utility issue fee (or reissue)				
Total Claims 32 - 20 ** 12 x 9.00 = 108.00	143 440 243 220 Design issue fee				
Claims	144 600 244 300 Plant issue fee				
Multiple Dependent 0 = 0	122 130 122 130 Petitions to the Commissioner				
Large Entity Small Entity	123 50 123 50 Processing fee under 37 CFR 1.17(q)				
Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt				
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)				
102 80 202 40 Independent claims in excess of 3	146 710 246 355 Filing a submission after final rejection				
104 270 204 135 Multiple dependent claim, if not paid	(37 CFR § 1.129(a))				
109 80 209 40 ** Reissue independent claims over original patent	149 710 249 355 For each additional invention to be examined (37 CFR § 1 129(b))				
110 18 210 9 ** Reissue claims in excess of 20	179 710 279 355 Request for Continued Examination (RCE)				
and over original patent	169 900 169 900 Request for expedited examination				
SUBTOTAL (2) (\$)228.00	Of a design application Other fee (specify)				
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0				

SUBMITTED BY			Complete (if applicable)		
Name (Pnnt/Type)	C. Frederick Koenig III, Esquire	Registration No (Atterney/Agent)	29,662	Telephone	215-568-6400
Signature	1	4	-	Date	June 1, 2001

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CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 CFR 1.10

EL598705725US

Attorney Docket No. H0002331

Express Mail Label Number

I hereby certify that the attached Provisional Application For Patent Cover Sheet (Large Entity) 37 C.F.R. 1.53, including a duplicate copy of the Transmittal Letter, Patent Application specification, acknowledgment postcard and a check in the amount of \$150.00 are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 C.F.R. § 1.10 in an envelope addressed to: Box Provisional Application, Commissioner for Patents, Washington, DC 20231 on June 1, 2001.

Michael B. Lavelle

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1101 Market Street

Philadelphia, PA 19107-2950 Telephone: (215) 923-4466

Facsimile: (215) 923-2189

Our File: JAK-PT001.1

June 1, 2001

Date:

In the **PATENT APPLICATION** of:

Lo et al.

Application No.:

Not Yet Known

Filed:

Not Yet Known

For:

NON-INVASIVE PRENATAL DIAGNOSIS

Group:

Not Yet Known

Examiner:

Not Yet Known

VERIFICATION UNDER RULE 37 C.F.R. §1.821(e) and (f)

Box PATENT APPLICATION Commissioner for Patents Washington, D.C. 20231

Sir:

Submitted herewith is a "sequence listing" in computer readable form (CRF) which is compliant with all of the requirements of 37 C.F.R. §1.821(e) through §1.825. The sequence listing information recorded in computer readable form is identical to the sequence listing submitted herewith in paper form. No new matter has been added.

Respectfully submitted,

Lo et al.

 By_{-}

Volpe and Koenig, P.C. Suite 400, One Penn Center 1617 John F. Kennedy Boulevard Philadelphia, PA 19103

CFK/fap

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